

TWO (2) ASPHALT PATCHING TRUCKS

Lake County is seeking quotes for the purchase of two (2) asphalt patching trucks for the Road Operations Division of Public Works. This purchase will be made to the vendor with the lowest total price.

The specifications and minimum requirements are listed below. The equipment shall be new, of current production year, and must carry the manufacturer's standard guarantee against defective parts and/or workmanship. For each item, the vendor shall mark "yes" or "no" to indicate if the proposed equipment meets the requirements. These specifications shall be printed and submitted with the quote. All exceptions shall be of equal or greater precision equipment and shall be clearly documented on the submitted quote.

Bidders who offer equipment which fails to meet the requirements may be considered non-responsive unless, at the sole determination of the County, the deviation is minor and will not affect the functionality of the equipment.

The equipment shall be manufactured so as to be in strict conformance to all standards applied by any Federal and State regulations.

Delivery shall be made within 120 days after the issuance of the purchase order. The equipment shall be delivered to the Lake County Fleet Division, 20423 Independence Boulevard, Groveland, Florida 34736, with at least one (1) week's advance notice to the County. The delivery shall be FOB destination. Title to the equipment shall not pass to the County until the unit has been delivered to the designated location and has been inspected and accepted by the County's Fleet Manager.

Time is of the essence and the Contractor's delivery date must be specified and adhered to. Delivery shall be no later than one-hundred twenty (120) calendar days from receipt of the delivery order. Should the Contractor, to whom the order or contract is awarded, fail to deliver on or before the stated date, the County reserves the right to CANCEL the order or contract and make the purchase elsewhere and the Contractor shall be required to compensate the County for the difference in the price paid for the alternate goods. The Contractor shall be responsible for making any and all claims against carriers for missing or damaged goods. Partial shipments will be acceptable unless otherwise stated.

DETAILED SPECIFICATIONS:

1.0 Engine and Chassis

- 1.1 Cummins Turbo Diesel engine with minimum 300 HP and 660 lb/ft torque
- 1.2 Allison 3500 RDS automatic transmission
- 1.3 30,000 LB GVWR with dual rear wheels
- 1.4 Crew cab (Full 4 door)
- 1.5 Frame mounted tow hooks on all 4 corners
- 1.6 Air brakes with Bendix air dryer or approved equivalent
- 1.7 Minimum 70 gallon fuel tank
- 1.8 Exterior of truck shall be White, patching body may be Black, Orange, or Yellow.

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

2.0 Interior and Comfort

- 2.1 Neutral color interior with vinyl seats and rubber flooring
- 2.2 Power adjustable heated mirrors
- 2.3 Power windows
- 2.4 Tilt steering wheel and Cruise control
- 2.5 Air ride fully adjustable captain style driver's seat
- 2.6 AM/FM radio with Aux. input
- 2.7 Minimum of two (2) 12 volt power supplies in cab
- 2.8 Factory installed Heat and Air Conditioning

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

3.0 Safety

- 3.1 Shall have 4 corner LED strobe lights mounted in the head lights and on rear of truck
- 3.2 Shall have a 360 degree amber strobe light mounted on body
- 3.3 Rear mounted directional arrow panel with controls in cab. Shall have the following functions; Left, right, and bi-directional arrows and four corners. Bulbs shall be LED.
- 3.4 Rear back up camera with 7" color display in cab, which can be viewed in forward and reverse.
- 3.5 Shall have electric horn and air horn
- 3.6 Brakes: Automatic slack adjusters front and rear
- 3.7 Engine Protection System: Engine shut down for High temp, low oil pressure, or extreme exhaust temp
- 3.8 Minimum of 4 flush mount LED tail/brake lights on rear

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

4.0 Patching Body

- 4.1 Minimum 5.1 CY hopper with 50 degree side slopes and vertical ends
- 4.2 Shall use oil transfer heating system
- 4.3 Shall have 2 Electric Hopper heaters 4KW each
- 4.4 PTO operated generator to operate hopper heater and plug on side where truck can be plugged into a 230v outlet while engine is off
- 4.5 Operator controls mounted at ground level on rear curb side of truck
- 4.6 Hydraulic powered jack hammer mounted on rear of truck with 25' retractable hoses
- 4.7 Plate compactor and jack hammer tray on rear of truck which will hydraulically lift the plate tamp and jack hammer
- 4.8 Minimum 80 gallon tack tank with hand spray system and a 25' retractable hose and hand wand
- 4.9 15 gallon clean water tank with gravity feed bung

- 4.10 15 gallon cleaning fluid tank with 12 volt pump and spray wand
- 4.11 Material discharge chute moves 160 degrees to allow asphalt to be placed anywhere behind the truck
- 4.12 Curb side and rear mounted spoil bins with gravity dump door. Side shall be .47 CY and the rear shall be .51 CY
- 4.13 Side mounted tool box on drivers side 108" x 23" x 15" with full length door
- 4.14 One truck shall have a removable sand spreader attachment. Drive motor shall be a variable speed hydraulic motor.
- 4.15 Unit shall discharge asphalt and have full function while truck is moving.

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.

5.0 Service Manuals and Warranty

- 5.1 Provide Complete Literature and Specifications
- 5.2 Provide User Training
- 5.3 Provide two (2) complete Parts/Service Manuals
- 5.4 Provide two (2) Operators Manuals
- 5.5 Provide two (2) Sets of Keys
- 5.6 State Terms and Conditions of Warranty

The proposed equipment fully meets the above minimum specifications: Yes _____ No _____.